

**From:** [McClintock, Katie](#)  
**To:** [Eric Lovell](#)  
**Subject:** RE: Sample documents from Uroboros Glass  
**Date:** Wednesday, February 17, 2016 7:32:00 PM

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Thank you for that explanation.

Katie

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**From:** Eric Lovell [mailto:eric@uroboros.com]  
**Sent:** Wednesday, February 17, 2016 8:30 AM  
**To:** McClintock, Katie <McClintock.Katie@epa.gov>  
**Subject:** RE: Sample documents from Uroboros Glass

OK, understood. We will provide copies of the batch tickets.

(b) (4) [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

Eric

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**From:** McClintock, Katie [<mailto:McClintock.Katie@epa.gov>]  
**Sent:** Tuesday, February 16, 2016 8:09 PM  
**To:** Eric Lovell  
**Subject:** RE: Sample documents from Uroboros Glass

Hi Eric –

I'm trying to weigh the pros and cons here. I think the batch tickets are the numbers that we are looking for – for instance to know exactly how much cadmium you added on a particular day in a particular furnace. It sounds to me like I can get there by figuring out the final weight melt, adding back the amount lost and distributing amongst the ingredients. But this is many steps to get to a number you theoretically have on a batch ticket, and less precise. Can you help me understand why the batch tickets with the actual weights would take longer to produce? Maybe that would help me understand choosing one over the other.

(b) (4) [REDACTED]  
[REDACTED]  
[REDACTED]

If this answer is easier by phone feel free to call

Thanks.

Katie McClintock

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**From:** Eric Lovell [<mailto:eric@uroboros.com>]  
**Sent:** Tuesday, February 16, 2016 4:41 PM  
**To:** McClintock, Katie <[McClintock.Katie@epa.gov](mailto:McClintock.Katie@epa.gov)>  
**Subject:** RE: Sample documents from Uroboros Glass

Dear Ms. McClintock,

In confirming for my reply I've found that the (b) (4)

[REDACTED]

As for when I can send weekly plans and batch tickets, it depends on whether you can use the formula sheet format I sent (shows both the oxide weight percent and a 1000 Lb material weights), or whether you need both the formula and the batch tickets (show material weights used for each specific melt). Hint: The formula sheet format would be quicker for us.

We do have all the weekly plans and refractory info ready to send now, along with a number of other questions answered while in that process, but can get the formula info in the same package for you a day or two after you answer the question above.

Sincerely,  
Eric Lovell

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**From:** McClintock, Katie [<mailto:McClintock.Katie@epa.gov>]  
**Sent:** Tuesday, February 16, 2016 3:21 PM  
**To:** Eric Lovell  
**Subject:** RE: Sample documents from Uroboros Glass

Eric –

Thank you for sending this information. It looks good. These are precisely the records we are looking for.

A few questions to make sure I understand the format. Based on your weekly description, (b

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(4

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When do you think that you will have the remaining information to send? Again we can start with the batch tickets/weekly plans first and finish up with the refractory.

Yes, I will print off these documents and treat them as cbi.

Thank you.

Katie

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**From:** Eric Lovell [<mailto:eric@uroboros.com>]

**Sent:** Tuesday, February 16, 2016 1:59 PM

**To:** McClintock, Katie <[McClintock.Katie@epa.gov](mailto:McClintock.Katie@epa.gov)>

**Subject:** Sample documents from Uroboros Glass

Dear Ms. McClintock,

Before preparing and sending you what likely will amount to hundreds of pages of documents, please review the format of these samples to insure they meet your expectations.

1. Map of facilities, including furnace locations and batch mixing area.
2. Furnace design overview, including Bill of Materials. I'm expecting to provide Tech data sheets for the actual refractories used in the current rebuilds. The refractory types are essentially the same as those on the drawings, but the manufacturers/brands have changed.
3. A sample 'Weekly Melt Plan', showing furnace numbers in columns, production dates in rows. Color IDs, melt pounds produced, and melt temperature for each melt can be found on this report.
4. A sample batch formula. These show both the material weights for a hypothetical 1000# mix weight and the theoretical oxide equivalent after melting.

Please review each document and let me know what works and doesn't work for your needs. My specific question on the sample batch formula is whether this format will suffice as is, or do you also need a separate batch ticket for each melt, with the weights specific for that size melt? If the latter, do you want a fresh print of these, or are you seeking a copy of the actual batch ticket showing the manual check-offs for each ingredient used?

We will await your guidance before submitting further documentation.

Also, in order to provide timely information to satisfy your request I have sent you these sample documents in digital form. Since you made it clear that your office is less likely to be able to

protect the security of CBI information in digital form than on paper, I request that you print out these documents for your records if you need them after your review and then delete the unsecure email record. When a format is acceptable by you I will submit a complete paper set including these dates as requested.

Sincerely,  
Eric Lovell

**Eric Lovell**  
President



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